

Converting Colors

XYZ(55.1449, 40.8241, 35.5452)

Have a look what the booklet for
XYZ(55.1449, 40.8241, 35.5452)
contains.

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Color

**XYZ(55.1449, 40.8241,
35.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	FD889A
RGB	253, 136, 154
RGB Percent	99%, 53%, 60%
CMY	0.0078, 0.4666, 0.3961
CMYK	0.00, 0.46, 0.39, 0.01
HSL	351°, 97%, 76%
HSV	351°, 46%, 99%
XYZ	55.1449, 40.8241, 35.5452
YIQ	173.0350, 63.9540, 30.4020

Conversions

Conversions Part 2

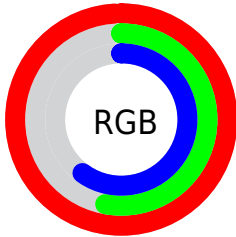
Format	Color
R _Y B	253, 136, 154
Decimal	16615578
CIE Lab	70.05, 46.11, 10.65
CIE LCh	70, 47.321, 13.012
Yxy	40.8241, 0.4193, 0.3104
Android (android.graphics.Color)	4294805658 (0xFFFD889A)
YUV	173.0350, -9.3843, 70.1293
Hunter-Lab	63.8937, 42.2443, 11.7416

Details

The XYZ color **55.1449, 40.8241, 35.5452** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2761, 81.4839, 91.1532**, and the grayscale version is **39.7630, 41.8338, 45.5570**.

A 20% lighter version of the original color is **71.2560, 63.0757, 68.0937**, and **27.5338, 18.5032, 14.9523** is the 20% darker color. If you saturate the color by 10%, you get **50.3660, 33.8700, 25.9258**, and if you desaturate by 10%, it is **61.0848, 49.5912, 47.1213**.

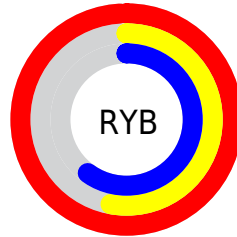
Distribution



Red (99%)

Green (53%)

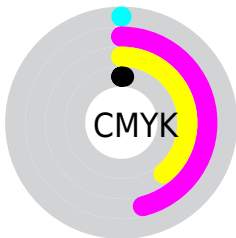
Blue (60%)



Red (99%)

Yellow (53%)

Blue (60%)

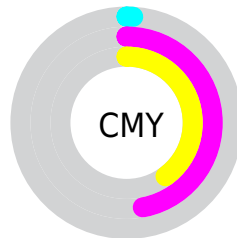


Cyan (0%)

Magenta (46%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (47%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1449, 40.8241, 35.5452 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.1449, 40.8241, 35.5452 by changing the saturation by 10% instead.

 55.1449, 40.8241,
35.5452


 55.1449, 40.8241,
35.5452


396.5884,
349.5849, 341.9454


 39.7520, 28.1817,
23.7962


 96.9003, 76.4168,
69.4906

 27.5286, 18.4626,
14.9717

 123.9936,
100.1359, 92.5242

 18.1093, 11.2827,
8.6532


 155.7177,
128.3159, 120.1564

 11.1286, 6.2573,
4.4219

192.4380,
161.3413, 152.8057

 6.2213, 3.0022,
1.8596

234.5199,
199.5966, 190.8907

 3.0221, 1.1329,
0.4668

282.3287,

 1.1654, 0.0058,

243.4660, 234.8300

0.0000

336.2297,
293.3340, 285.0420

■ 0.0788, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1449, 40.8241,
35.5452

■ 55.1449, 40.8241,
35.5452

■ 50.3660, 33.8700,
25.9258

■ 61.0848, 49.5912,
47.1213

■ 46.6680, 28.5957,
18.1517

■ 68.2524, 60.2798,
60.7523

■ 43.9653, 24.8600,
12.1038

■ 76.7130, 72.9972,
76.5325

■ 42.1579, 22.4952,
7.6475

■ 86.5264, 87.8408,
94.5496

■ 41.1234, 21.2939,
4.6274

94.3180, 99.6226,
108.8657

■ 40.8727, 21.0285,
3.8164

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8085, 40.8241, 58.0709



55.1449, 40.8241, 35.5452



50.7058, 40.8241, 21.2917

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1449, 40.8241, 35.5452



29.5275, 40.8241, 20.0398



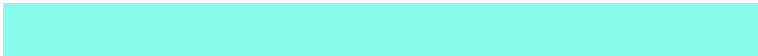
34.6228, 40.8241, 98.7961

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.1449, 40.8241, 35.5452



60.2761, 81.4839, 91.1532

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.9244, 40.8241, 80.2344



55.1449, 40.8241, 35.5452



26.2615, 40.8241, 33.1460

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1449, 40.8241, 35.5452



35.5534, 40.8241, 14.5543



26.0565, 40.8241, 54.7313



42.2429, 40.8241, 100.1023

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1449, 40.8241, 35.5452



45.9392, 40.8241, 16.3013



26.0565, 40.8241, 54.7313



32.4454, 40.8241, 94.1436

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.1460, 40.8262, 35.5460



80.2119, 77.5045, 81.8168



60.3029, 42.1104, 97.8782



16.7319, 15.9301, 16.7058



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1460, 40.8262, 35.5460



51.8090, 35.2512, 27.4857



60.2834, 53.3223, 30.4103



18.1232, 18.0326, 19.2661



21.7757, 11.1996, 2.2035



2.1518, 1.1031, 0.3811

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.1460, 40.8262, 35.5460



51.8090, 35.2512, 27.4857



51.9313, 60.4211, 101.8537



18.1232, 18.0326, 19.2661



21.7757, 11.1996, 2.2035



2.1518, 1.1031, 0.3811

Previews

White Background



This preview shows how the XYZ color 55.1449, 40.8241, 35.5452 looks on a white background.

Color Contrast Check

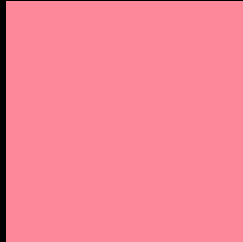
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.1449, 40.8241, 35.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

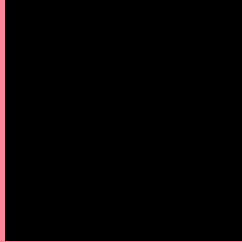
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1449, 40.8241, 35.5452

Background



This preview shows how black text looks on a background with the XYZ color 55.1449, 40.8241, 35.5452.



This preview shows how white text looks on a background with the XYZ color 55.1449, 40.8241,

35.5452.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.1449, 40.8241, 35.5452

Protanopia

39.5613, 41.1416, 45.3912

Deuteranopia

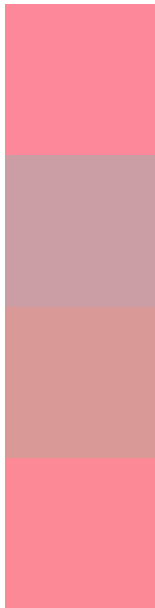
41.6449, 40.8160, 34.1171



Tritanopia

54.3570, 40.6934, 32.5934

Trichromacy



Original Color

55.1449, 40.8241, 35.5452

Protanomaly

43.7384, 39.9034, 41.4733

Deuteranomaly

45.7568, 40.0973, 34.6061

Tritanomaly

54.5956, 40.7888, 33.8497

Monochromacy



Original Color

55.1449, 40.8241, 35.5452

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.8109, 40.4513, 41.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1449, 40.8241, 35.5452 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 136, 154)` looks like.

```
.text, #text, p{  
    color:rgb(253, 136, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 136, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 136, 154) }
```

Border

The CSS property to change the border of an element to XYZ 55.1449, 40.8241, 35.5452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 136, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 136, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 136, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 136, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 136, 154);  
box-shadow:4px 4px 4px 4px rgb(253, 136,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1449, 40.8241, 35.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 136, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
136, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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